

Mapping modes

You can copy data from the MagicDraw Containment tree to **DataHub Explorer** or vice versa, or within **DataHub Explorer** by dragging the source item to the target item. Therefore, you need to have a Data Type and a Schema Map. If default Data Type or auto Schema Map is not found in the system, Cameo DataHub asks you to do the mapping.

DataHub provides two types of schema mapping modes: **Individual Type Mapping** and **Group Type Mapping** as the default mapping mode, and the selected operation from DataHub Explorer is displayed as the name of the dialog, e.g., **Copy Data** dialog. You can also change the default setting through the **Cameo DataHub Options** dialog, including changing the default mapping mode.

Copy Data with Sync

Close

Copy Data with Sync

Select all unmapped target types from the list and resolve them by defining the schema map. DataHub will create the DHLinks to maintain the nodes in the scope hierarchy.

Sync Direction:

☒ Two-way Sync☐ One-way Sync from MagicDraw☐ One-way Sync to MagicDraw

Mapping Mode:

Group Type Mapping

IBM Rational DOORS Next Generation Side

Business Goal::JKE Banking (Requirements Management)

Folder::JKE Banking (Requirements Management)

<

>

☐ Exclude all non-mapped nodes from DHLinks.☐ Define Target Type from Attribute ValueAttribute: Service Provider

Default	Priority	Value	Target

+ -

MagicDraw Side

Type Filter Text

Property «SysML::Uniform»
Property «customTypes::MoreEnum»
Proxy Port
Rectangle with Text
Rectangle
Reference Property
Requirement

☐ Set as default target type

Select Attribute to Sync

	Business Goal::JKE Banking...	Requirement [MagicDraw::U...	Conversion Rule
<input type="checkbox"/>	Contributor(Readonly)		
<input type="checkbox"/>	Created On(Readonly)		
<input type="checkbox"/>	Creator(Readonly)		
<input type="checkbox"/>	Description		
<input checked="" type="checkbox"/>	Identifier(Readonly)	Id	
<input type="checkbox"/>	Modified On(Readonly)		
<input type="checkbox"/>	Parent(Readonly)		
<input checked="" type="checkbox"/>	Primary Text	Text	
<input type="checkbox"/>	Priority		
<input type="checkbox"/>	Service Provider(Readonly)		
<input type="checkbox"/>	Status		
<input checked="" type="checkbox"/>	Title	Name	

Edit

OKCancel

The Mapping Mode drop-down list in the Copy Data with Sync dialog.

If you have mapped a schema with the **Copy data** option, DataHub saves this mode automatically and use it as the default mapping mode. You can still change the default mapping mode through the **Copy data** dialog.

DataHub also provides a default Schema Map template for mapping data. In the **Schema Map Manager** dialog, you can find the default Schema Map template under the IBM® Rational® DOORS® driver side.

When you select a Schema Map template for mapping, DataHub uses the selected template again next time you copy the same Data Type, if the copied data match the default Schema Map template. For example, if you copy a node from a DOORS Data Source to MagicDraw®, DataHub automatically selects a SysML Requirement node as the target type next time you copy data to the MagicDraw® driver. You can also change the default Schema Map template in the **Schema Map Manager** dialog.